

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

BENOIT DE CROMBRUGGHE
HARUHIKO AKIYAMA

Group Art Unit: 1634

Examiner: Unknown

Serial No.: 10/534,099

Atty. Dkt. No.: UTSC:772US

Filed: MAY 6, 2005

For: HA4, A NEW OBSTEOBLAST-AND
CHONDROCYTE-SPECIFIC SMALL
SECRETED PEPTIDE, COMPOSITIONS
AND MEHTODS OF USE

CERTIFICATE OF ELECTRONIC SUBMISSION

DATE OF SUBMISSION: September 19, 2006

INFORMATION DISCLOSURE STATEMENT

MS AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

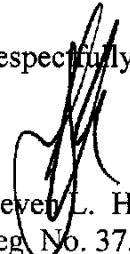
In accordance with 37 C.F.R §§ 1.97(g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be

an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Commissioner is authorized to deduct the appropriate fees from Fulbright & Jaworski Deposit Account No.: 50-1212/UTSC:772US.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,



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Date: September 18, 2006

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| Form PTO-1449 (modified) | | Atty. Docket No. UTSC:772US | Serial No. 10/534,099 |
| List of Patents and Publications for Applicant's INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | Applicant BENOIT DE CROMBRUGGHE and HARUHIKO AKIYAMA. | |
| | | Filing Date: May 6, 2005 | Group: 1634 |
| U.S. Patent Documents <i>See Page 1</i> | Foreign Patent Documents <i>See Page 1</i> | Other Art <i>See Page 1</i> | |

U.S. Patent Documents

U.S. Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Name | Class | Sub Class | Filing Date of App. |
|----------------|--------------|--------------------|------|------|-------|--------------|------------------------|
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Foreign Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date | Country | Language |
|----------------|--------------|--------------------|------|---------|----------|
| | | | | | |

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation |
|----------------|--------------|---|
| | C1 | Franceschi, "The developmental control of osteoblast-specific gene expression: role of specific transcription factors and the extracellular matrix environment," <i>Crit. Rev. Oral Biol. Med.</i> , 10(1):40-57, 1999. |
| | C2 | Jackson and Demer, "Peroxisome proliferator-activated receptor activators modulate the osteoblastic maturation of MC3T3-E1 preosteoblasts," <i>FEBS Lett.</i> , 471(1):119-124, 2000. |

25683817.1

EXAMINER:**DATE CONSIDERED:**

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.